



# A New Standard of Confidence

Calibration, Internal, and Surrogate Standards for Environmental Analysis

- Meets ISO/IEC 17025 & ISO 17034
- Stay in Calibration Longer
- Lot-to-Lot Consistency



Chemical Testing Laboratory  
Certificate No. 2427.03

Proficiency Testing Provider  
Certificate No. 2427.01

Reference Material Producer  
Certificate No. 2427.02

## Calibration, Internal, and Surrogate Standards for Environmental Analysis

Phenova® Certified Reference Materials (CRMs) are ISO/IEC 17025 & ISO 17034 compliant. Using the same strict criteria to manufacture proficiency testing standards that have allowed environmental laboratories to maintain or gain their accreditation, Phenova CRMs challenge competitive products by:

- Reducing the frequency of your initial calibrations
- Producing the lowest possible uncertainties
- Maintaining lot-to-lot consistency
- Minimizing trending

### Compound Classes Available

- Per- and Polyfluoroalkyl Substances (PFAS)
- Volatiles
- Semi-Volatiles
- Pesticides/Herbicides
- Polychlorinated Biphenyls (PCBs)
- Fuels

### Smart Labeling for Easy Workflow, Safety, and Record Keeping

Phenova CRMs ampoules come with TWO additional labels that you can place on paperwork, auto-sampler and transfer vials, or anywhere to reduce transcription.



## PFAS Certified Reference Materials

Analytes are listed as acids to make calculations easier. The mixtures are technical grade standards that include branched and linear isomers.



Available in USA and Canada

Part Number	ALO-101839	ALO-101838	ALO-101840	
CRMs are 2 µg / mL in methanol ea. In 1 mL volume				
	CAS RN	EPA 537.1	EPA 533	EPA 533 + 537.1
<b>Perfluoroalkyl carboxylic acid (PFCA)</b>				
Perfluorobutanoic acid (PFBA)	375-22-4	NA	✓	✓
Perfluoropentanoic acid (PFPeA)	2706-90-3	NA	✓	✓
Perfluorohexanoic acid (PFHxA)	307-24-4	✓	✓	✓
Perfluoroheptanoic acid (PFHpA)	375-85-9	✓	✓	✓
Perfluorooctanoic acid - br/lin (PFOA)	335-67-1	✓	✓	✓
Perfluorononanoic acid (PFNA)	375-95-1	✓	✓	✓
Perfluorodecanoic acid (PFDA)	335-76-2	✓	✓	✓
Perfluoroundecanoic acid (PFUnA)	2058-94-8	✓	✓	✓
Perfluorododecanoic acid (PFDoA)	307-55-1	✓	✓	✓
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	✓	NA	✓
Perfluorotetradecanoic acid (PFTeDA)	376-06-7	✓	NA	✓
<b>Perfluoroalkane sulfonic acid (PFSA)</b>				
Perfluorobutanesulfonic acid (PFBS)	375-73-5	✓	✓	✓
Perfluoropentanesulfonic acid (PFPeS)	2706-91-4	NA	✓	✓
Perfluorohexanesulfonic acid - br/lin (PFHxS)	355-46-4	✓	✓	✓
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	NA	✓	✓
Perfluorooctanesulfonic acid - br/lin (PFOS)	1763-23-1	✓	✓	✓
<b>Perfluoroalkane sulfonamides (FASA) and derivatives</b>				
N-methyl perfluorooctanesulfonamidoacetic acid - br/lin (NMeFOSAA)	2355-31-9	✓	NA	✓
N-ethyl perfluorooctanesulfonamidoacetic acid - br/lin (NEtFOSAA)	2991-50-6	✓	NA	✓
<b>Fluorotelomer sulfonic acid (FTSA)</b>				
4:2 Fluorotelomer sulfonic acid (4:2 FTS)	757124-72-4	NA	✓	✓
6:2 Fluorotelomer sulfonic acid (6:2 FTS)	27619-97-2	NA	✓	✓
8:2 Fluorotelomer sulfonic acid (8:2 FTS)	39108-34-4	NA	✓	✓
<b>Perfluoroalkyl ether carboxylic acid (PFECA)</b>				
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	NA	✓	✓
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	NA	✓	✓
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	13252-13-6	✓	✓	✓
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	151772-58-6	NA	✓	✓
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	✓	✓	✓
<b>Polyfluoroalkyl ether sulfonic acid (PFESA)</b>				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	113507-82-7	NA	✓	✓
9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF30NS)	756426-58-1	✓	✓	✓
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11 Cl-PF30UdS)	763051-92-9	✓	✓	✓

## Ordering Information

Available in USA and Canada

Product	Description	Part Number	Product	Description	Part Number
1% Ethanol Standard	10,000 µg/mL in Water	ALO-101633	8260 Surrogate Standard Mix 2	2500 µg/mL in P&T Methanol	ALO-101216
1,2,3-Trichloropropane-d5 IS M	2000 µg/mL in P&T Methanol	ALO-101757	8260B Calibration Standard	2000 µg/mL in P&T Methanol	ALO-101487
1,4-Dioxane Standard	10000 µg/mL in P&T Methanol	ALO-101564	a, a, a-Trifluorotoluene	2000 µg/mL in P&T Methanol	ALO-101490
1,4-Dioxane-d8	2000 µg/mL in P&T Methanol	ALO-101555	Acrolein	1000 µg/mL in P&T Methanol	ALO-101223
1-Chloro-2-fluorobenzene	1000 µg/mL in P&T Methanol	ALO-101225	Acrolein	5000 µg/mL in Water	ALO-101224
1-Chloro-4-fluorobenzene	2000 µg/mL in P&T Methanol	ALO-101230	Acrolein/Acrylonitrile	1000 µg/mL in P&T Methanol	ALO-101222
2-Chloroethyl vinyl ether	2000 µg/mL in P&T Methanol	ALO-101227	BTEX plus MTBE Standard	200 µg/mL in P&T Methanol	ALO-101205
2-Methylnaphthalene	2000 µg/mL in P&T Methanol	ALO-101476	BTEX plus MTBE Standard	2000 µg/mL in P&T Methanol	ALO-101204
4-Bromofluorobenzene	1000 µg/mL in P&T Methanol	ALO-101226	BTEX Standard	2000 µg/mL in P&T Methanol	ALO-101203
4-Bromofluorobenzene	2000 µg/mL in P&T Methanol	ALO-101231	California Oxygenates Standard	2000 µg/mL in P&T Methanol	ALO-101208
501 Trihalomethanes Standard	200 µg/mL in P&T Methanol	ALO-101210	Chloroprene	2000 µg/mL in P&T Methanol	ALO-101617
501 Trihalomethanes Standard	2000 µg/mL in P&T Methanol	ALO-101209	EPA 524 Rev 4 Additions Mix	2000 µg/mL in P&T MeOH	ALO-101661
502.2 Calibration Standard	200 µg/mL in P&T Methanol	ALO-101201	EPA 524.2 Rev 4 Ketones Mix	2000 µg/mL in P&T MeOH/H <sub>2</sub> O	ALO-101660
502.2 Calibration Standard	2000 µg/mL in P&T Methanol	ALO-101200	EPA 541 IS Mix	1000 µg/mL in P&T Methanol	ALO-101630
502.2 Internal Standard Mix	1000 µg/mL in P&T Methanol	ALO-101221	EPA 541 Standard	1000 µg/mL in P&T Methanol	ALO-101629
504.1 Calibration Standard	200 µg/mL in P&T Methanol	ALO-101219	Ethanol	2000 µg/mL in P&T Methanol	ALO-101701
504.1 Calibration Standard	2000 µg/mL in P&T Methanol	ALO-101465	Ethanol	40000 µg/mL in P&T Methanol	ALO-101592
524 Internal Standard Mix 1	2000 µg/mL in P&T Methanol	ALO-101217	Fluorobenzene	2000 µg/mL in P&T Methanol	ALO-101229
524 IS/Surrogate Mix	2000 µg/mL in P&T Methanol	ALO-101519	Glycols Standard	50000 µg/mL in Water	ALO-101571
524 Surrogate Standard Mix 1	2000 µg/mL in P&T Methanol	ALO-101220	HAP Standard	10000 µg/mL in Water	ALO-101549
524 Surrogate Standard Mix 2	2000 µg/mL in P&T Methanol	ALO-101218	Isopropanol	20000 µg/mL in P&T Methanol	ALO-101593
601 Purgable Halocarbons Mix	2000 µg/mL in P&T Methanol	ALO-101713	Ketones Standard	2000 µg/mL P&T MeOH/H <sub>2</sub> O (90:10)	ALO-101211
602 Purgable Aromatics	2000 µg/mL in P&T Methanol	ALO-101499	Ketones Standard	5000 µg/mL P&T MeOH/H <sub>2</sub> O (90:10)	ALO-101212
624 Calibration Standard	2000 µg/mL in P&T Methanol	ALO-101507	Methanol Standard	10000 µg/mL in Water	ALO-101550
624 Internal Standard	1500 µg/mL in P&T Methanol	ALO-101506	Methanol Standard	2000 µg/mL in Water	ALO-101573
624 Surrogate Standard	2000 µg/mL in P&T Methanol	ALO-101508	Naphthalene-d8	2000 µg/mL in MeCl <sub>2</sub>	ALO-101353
8010A Calibration Mix 1	2000 µg/mL in P&T Methanol	ALO-101478	OLC 3.2 VOA Calibration Mix	1000- 2000 µg/mL in P&T MeOH	ALO-101794
8010A Calibration Mix 2	2000 µg/mL in P&T Methanol	ALO-101479	Perfluorotributylamine (PFTBA)	Neat; 1mL	ALO-101613
8020A Calibration Standard	2000 µg/mL in P&T Methanol	ALO-101480	Perfluorotributylamine (PFTBA)	Neat; 5mL	ALO-101614
8021 Surrogate Standard	1500 µg/mL in P&T Methanol	ALO-101481	SOM01.1 Ketone DMC Mix	500 µg/mL in MeOH-OD/H <sub>2</sub> O	ALO-101664
8240/8260 Performance Check	2000 µg/mL in P&T Methanol	ALO-101486	SOM01.1 Non-Ketone DMC Mix	500 µg/mL in Methanol-OD	ALO-101663
8260 Acetates Standard	2000 µg/mL in P&T Methanol	ALO-101758	TCLP Volatiles Mix	1000 µg/mL in P&T Methanol	ALO-101651
8260 Appendix IX Additions Mix	2000 µg/mL in P&T Methanol	ALO-101202	tert-Amyl ethyl ether	2000 µg/mL in P&T Methanol	ALO-101489
8260 Internal Standard Mix 1	2500 µg/mL in P&T Methanol	ALO-101213	Tetrahydrofuran-d8	2000 µg/mL in P&T Methanol	ALO-101711
8260 Internal Standard Mix 1	2500 µg/mL in P&T MeOH 5mL	ALO-101445	Toluene-d8	2000 µg/mL in P&T Methanol	ALO-101362
8260 Internal Standard Mix 2	2500 µg/mL in P&T Methanol	ALO-101215	UCMR 5 556.1 Aldehydes Mix	1000 µg/mL in MeOH/H <sub>2</sub> O	ALO-101818
8260 IS/Surrogate Mix, 5 mL	5000 µg/mL in P&T Methanol	ALO-101542	Vinyl acetate	2000 µg/mL in Water	ALO-101228
8260 Matrix Spike Mix	2500 µg/mL in P&T Methanol	ALO-101488	VOA Gases Standard	200 µg/mL in P&T Methanol	ALO-101207
8260 Surrogate Standard 1	2500 µg/mL in P&T Methanol	ALO-101214	VOA Gases Standard	2000 µg/mL in P&T Methanol	ALO-101206
8260 Surrogate Standard 1	2500 µg/mL in P&T Methanol 5mL	ALO-101446	VOA Surrogate Mix	1000 µg/mL in P&T Methanol	ALO-101716



## Ordering Information

Available in USA and Canada

Product	Description	Part Number
1,2,3-Trichloropropane	1000 µg/mL in MTBE	ALO-101532
1,2-Dichlorobenzene-d4	2000 µg/mL in P&T Methanol	ALO-101305
1,4-Dioxane	1000 µg/mL in MeCl2	ALO-101755
1,4-Dioxane Standard	2000 µg/mL in MeCl2	ALO-101655
100 µg/mL Caffeine Standard	100 µg/mL in Methanol	ALO-101551
1000 µg/mL Caffeine Standard	1000 µg/mL in Methanol	ALO-101554
2,3-Dibromopropionic acid	1000 µg/mL in MTBE	ALO-101533
2,4-Dinitrophenol	1000 µg/mL in Methanol	ALO-101673
2-Methylnaphthalene-d10	2000 µg/mL in MeCl2	ALO-101638
300 µg/mL Caffeine Standard	300 µg/mL in Methanol	ALO-101552
3-Methylcholanthrene	2000 µg/mL in MeCl2	ALO-101536
500 µg/mL Caffeine Standard	500 µg/mL in Methanol	ALO-101553
521 Internal Standard	1000 µg/mL in MeCl2	ALO-101788
521 Nitrosamines Mix	1000 µg/mL in MeCl2	ALO-101789
521 Surrogate Standard	1000 µg/mL in MeCl2	ALO-101787
525.2 GC-MS Performance Check	1000 µg/mL in Acetone	ALO-101524
525.2 Internal Standard	1000 µg/mL in Acetone	ALO-101526
525.2 Surrogate Standard	1000 µg/mL in Acetone	ALO-101527
525/527 Surrogate Mix	1000 µg/mL in Acetone	ALO-101830
533 PFAS Calibration Standard	2 µg/mL in P&T Methanol	ALO-101838
533/537 PFAS Calibration Stand	2 µg/mL in P&T Methanol	ALO-101840
537 PFAS Calibration Standard	2 µg/mL in P&T Methanol	ALO-101839
542 Internal Standard	250-1000 µg/mL in Methanol	ALO-101832
542 Surrogate Mix	1000 µg/mL in Methanol	ALO-101833
552 Haloacetic Acid Standard	1000 µg/mL in MTBE	ALO-101535
559 Surrogate Mix	100 µg/mL in Methanol	ALO-101836
604 Phenols Standard	2000 µg/mL in Methanol	ALO-101500
605 Benzidines Standard	2000 µg/mL in Methanol	ALO-101501
610 PAH Mix 2	100 - 2000 µg/mL in MeCl2	ALO-101505
612 Chlorinated Hydrocarbons	2000 µg/mL in Isooctane	ALO-101659
625 Calibration Standard	1000 µg/mL in MeCL2/MeOH (98:2)	ALO-101509
8270 Benzidines Standard	2000 µg/mL Methylene Chloride	ALO-101243
8270 Calibration Standard	1000 µg/mL MeCL2/MeOH	ALO-101444
8270 Matrix Spike	100-200µg/mL in MeOH/MCL2 5mL Ampoule	ALO-101492
8270 Phenols Standard	2000 µg/mL Methylene Chloride	ALO-101234
8310 PAH Standard	500 µg/mL in Acrn/Tol (92:8)	ALO-101496
8310 QC Check Standard	5-100 µg/mL in Acetonitrile	ALO-101497
8310 Surrogate Standard	1000 µg/mL in Acetonitrile	ALO-101498
8330 IS Mix	1000 µg/mL in Acetonitrile	ALO-101726
8330B Nitroaromatic & Nitramine	1000 µg/mL in Acetonitrile	ALO-101761
Acenaphthene-d10	2000 µg/mL in MeCl2	ALO-101662
Acid Matrix Spike Mix	10000 µg/mL in Methanol	ALO-101494
Acid Matrix Spike Mix	10000 µg/mL in Methanol	ALO-101495
Acid Matrix Spike Mix	2000 µg/mL in Methanol	ALO-101493
Acids Surrogate Mix 2	2000 µg/mL in Methanol	ALO-101568
Acids Surrogate Mix 2	5000 µg/mL in Methanol	ALO-101570
Acids Surrogate Mix 2, 5mL	7500 µg/mL in Methanol	ALO-101674
Aniline	1000 µg/mL Methylene Chloride	ALO-101443
Appendix IX Mix 1	2000 µg/mL Methylene Chloride	ALO-101235
Appendix IX Mix 3	1000 µg/mL in Methylene Chlor	ALO-101491
B/N Matrix Spike Mix	1000 µg/mL in Methanol	ALO-101538
B/N Matrix Spike Mix	5000 µg/mL in Methanol	ALO-101539
B/N Matrix Spike Mix	5000 µg/mL in Methanol	ALO-101540
B/N Surrogate Mix 2	2000 µg/mL in MeCl2	ALO-101567
B/N Surrogate Mix 2	5000 µg/mL in MeCl2	ALO-101569
Benzidines Standard	2000 µg/mL Methylene Chloride	ALO-101244
Benzo(a)pyrene-d12 Standard	1000 µg/mL in MeCl2	ALO-101561
Benzoic Acid	2000 µg/mL Methylene Chloride	ALO-101246
BN Extractables Standard	500 µg/mL in MeCL2	ALO-101548
Decafluorotriphenylphosphine	2500 µg/mL Methylene Chloride	ALO-101454
Diphenylamine	5000 µg/mL in Methanol	ALO-101712
EPA 525.2 Semivolatile Mix	1000 µg/mL in Acetone	ALO-101525
EPA 530 IS Mix	1000 µg/mL in Methanol	ALO-101628
EPA 530 Standard	1000 µg/mL in Methanol	ALO-101626

Product	Description	Part Number
EPA 530 Surrogate Mix	1000 µg/mL in Methanol	ALO-101627
Fluoranthene-d10	2000 µg/mL in MeCl2	ALO-101637
GC/MS Tuning Mix	1000 µg/mL in Methylene Chloride	ALO-101291
Haloacetic Acid Standad	1000 µg/mL in MTBE	ALO-101534
Methapyrilene Standard	1000 µg/mL in MeCl2	ALO-101650
Nitroglycerin Standard	1000 µg/mL in Acetonitrile	ALO-101720
Nitroglycerin Standard	1000 µg/mL in Methanol	ALO-101759
N-Nitrosodiphenylamine	1000 µg/mL Methylene Chloride	ALO-101245
PAH Plus Methylnaphthalenes	2000 µg/mL Methylene Chloride	ALO-101233
PAH SIM Surrogate Mix	2000 µg/mL in MeCl2	ALO-101639
PAH Standard	2000 µg/mL Methylene Chloride	ALO-101236
PAH Supplement Mix	1000 µg/mL in MeCl2	ALO-101676
Perylene-d12	1000 µg/mL in MeCl2	ALO-101743
PETN Standard	1000 µg/mL in Acetonitrile	ALO-101721
PETN Standard	1000 µg/mL in Methanol	ALO-101760
Phenanthrene-d10	2000 µg/mL in MeCl2	ALO-101401
p-Terphenyl	10000 µg/mL in MeCl2	ALO-101556
p-Terphenyl-d14	1000 µg/mL in MeCl2	ALO-101404
SV Acids Surrogate Mix	10,000 µg/mL in Methanol	ALO-101447
SV Acids Surrogate Mix	10,000 µg/mL in Methanol	ALO-101448
SV Acids Surrogate Mix	2000 µg/mL in Methanol	ALO-101241
SV Acids Surrogate Mix	5000 µg/mL in Methanol	ALO-101242
SV B/N Surrogate Mix	2000 µg/mL Methylene Chloride	ALO-101239
SV B/N Surrogate Mix	5000 µg/mL Methylene Chloride	ALO-101240
SV B/N Surrogate Mix	5000 µg/mL Methylene Chloride	ALO-101450
SV B/N Surrogate Mix; 10 mL	5000 µg/mL Methylene Chloride	ALO-101451
SV BNA Surrogate Mix	2000 µg/mL Methylene Chloride	ALO-101251
SV BNA Surrogate Mix	4000 µg/mL Methylene Chloride	ALO-101252
SV Internal Standard Mix	4000 µg/mL Methylene Chloride	ALO-101238
SV Internal Standard Mix	4000 µg/mL Methylene Chloride	ALO-101618
TCLP BNA Mix	2000 µg/mL in MeCl2	ALO-101652
Tetryl Standard	1000 µg/mL in Acetonitrile	ALO-101722
UCMR 5 542 Pharmaceutical Mix	1000 µg/mL in Methanol	ALO-101816
UCMR 5 551.1 Mix	1000 µg/mL in MeOH/Acetone	ALO-101817
UCMR 5 558 Mix	1000 µg/mL in MeOH	ALO-101819
UCMR 5 559 Phenols Mix	1000 µg/mL in MeOH	ALO-101820



# Polychlorinated Byphenyls (PCBs)

## Pesticides / Herbicides

### Ordering Information

Available in USA and Canada

Product	Description	Part Number
2,4,5,6-Tetrachloro-m-xylene	200 µg/mL in Acetone	ALO-101263
2,4,5,6-Tetrachloro-m-xylene	200 µg/mL in Acetone; 5mL	ALO-101702
Aroclor 1016	1000 µg/mL in Hexane	ALO-101456
Aroclor 1016	1000 µg/mL in Isooctane	ALO-101467
Aroclor 1016 Standard	100 µg/mL in Hexane	ALO-101275
Aroclor 1016/1260	1000 µg/mL in Hexane	ALO-101455
Aroclor 1016/1260	1000 µg/mL in Isooctane	ALO-101466
Aroclor 1016/1260 Standard	100 µg/mL in Hexane	ALO-101273
Aroclor 1221	1000 µg/mL in Hexane	ALO-101457
Aroclor 1221	1000 µg/mL in Isooctane	ALO-101468
Aroclor 1221 Standard	100 µg/mL in Hexane	ALO-101276
Aroclor 1232	1000 µg/mL in Hexane	ALO-101458
Aroclor 1232	1000 µg/mL in Isooctane	ALO-101469
Aroclor 1232 Standard	100 µg/mL in Hexane	ALO-101277
Aroclor 1242	1000 µg/mL in Hexane	ALO-101459
Aroclor 1242	1000 µg/mL in Isooctane	ALO-101470
Aroclor 1242 Standard	100 µg/mL in Hexane	ALO-101278
Aroclor 1248	1000 µg/mL in Hexane	ALO-101460
Aroclor 1248	1000 µg/mL in Isooctane	ALO-101471
Aroclor 1248 Standard	100 µg/mL in Hexane	ALO-101279
Aroclor 1254	1000 µg/mL in Hexane	ALO-101461
Aroclor 1254	1000 µg/mL in Isooctane	ALO-101472
Aroclor 1254 Standard	100 µg/mL in Hexane	ALO-101280
Aroclor 1260	1000 µg/mL in Hexane	ALO-101462
Aroclor 1260	1000 µg/mL in Isooctane	ALO-101473
Aroclor 1260 Standard	100 µg/mL in Hexane	ALO-101281
Aroclor 1262	1000 µg/mL in Hexane	ALO-101463
Aroclor 1262	1000 µg/mL in Isooctane	ALO-101474
Aroclor 1262 Standard	100 µg/mL in Hexane	ALO-101282
Aroclor 1268	1000 µg/mL in Hexane	ALO-101464
Aroclor 1268	1000 µg/mL in Isooctane	ALO-101475
Aroclor 1268 Standard	100 µg/mL in Hexane	ALO-101283
Decachlorobiphenyl (BZ #209)	200 µg/mL in Acetone; 5mL	ALO-101703
Decachlorobiphenyl Standard	200 µg/mL in Acetone	ALO-101274

Product	Description	Part Number
100 ppm Tech Chlordane Mix	100 µg/mL in Hexane	ALO-101792
2,4-Dichlorophenylacetic Acid	1000 µg/mL in Acetone	ALO-101261
4,4'-DDT Solution	100 µg/mL in Isooctane	ALO-101781
4,4'-DDT/Endrin Mix	200 µg/mL in Hexane	ALO-101647
50 ppm Endothal Mix	50 µg/mL in Methanol	ALO-101793
505 Organohalide Pesticide Mix	200 µg/mL in Methanol	ALO-101657
508.1 Performance Check Mix	0.02-0.5 ug/ml in Ethyl Acetat	ALO-101515
525.2 Organonitrogen Pesticide	500 µg/mL in Acetone	ALO-101658
525.3 Pesticides Standard	1000 µg/mL in Methanol	ALO-101625
529 IS Mix	1000 µg/mL in Ethyl Acetate	ALO-101723
529 Surrogate Fortification Mi	100 µg/mL in Methanol	ALO-101724
531.1 Carbamates Mix	100 µg/mL in Methanol	ALO-101530
538 Internal Standard	1000 µg/mL in Methanol	ALO-101831
556 Internal Standard	10000 µg/mL in Hexane	ALO-101834
556 Surrogate Mix	10000 µg/mL in Acetonitrile	ALO-101835
632 Carbamates/Urea Mix	1000 µg/mL in Acetonitrile	ALO-101775
8081 Chlorinated Pesticides	1000 µg/mL Hexane/Toluene	ALO-101253
8141 OP Pesticides	200 µg/mL Hexane/Acetone 90:10	ALO-101255
8141 OP Pesticides Mix 2	200 µg/mL each in Hex/Ace 9:1	ALO-101541
8151 Herbicides Mix	100- 10000 µg/mL in Methanol	ALO-101776
8270 OP Pesticides Mix	2000 µg/mL Methylene Chloride	ALO-101256
BDMC	100 µg/mL in Methanol	ALO-101704
Chlorinated Acid Herbicides	100 µg/mL in Acetonitrile	ALO-101288
Chlorinated Pesticides Std	2000 µg/mL Hexane/Toluene	ALO-101254
Dalapon Methyl Ester	2000 µg/mL in Hexane	ALO-101671
DCAA Methyl Ester	200 µg/mL in Hexane	ALO-101672
DCPA Diacid Mix	100 µg/mL in Methanol	ALO-101786
Dinoseb	1000 µg/mL in Methanol	ALO-101424
Diquat/Paraquat Mix	1000 µg/mL in Water	ALO-101645
Endothal Standard	1000 µg/mL in Acetone	ALO-101646
Endrin Solution	100 µg/mL in Methanol	ALO-101782
Free Acids Herbicides Mix	200 µg/mL in Methanol	ALO-101668
Glyphosate Standard	1000 µg/mL in Water	ALO-101644
MCPA/MCPP Methyl Ester Mix	20000 µg/mL in Hexane	ALO-101675
MCPP & MCPA	20000 µg/mL in Acetonitrile	ALO-101289
Methyl Ester Herbicide Mix # 1	200 µg/mL in Hexane	ALO-101669
Methyl Ester Herbicide Mix # 2	200 µg/mL in Hexane/MTBE	ALO-101670
o,p Chlorinated Pesticides	250 µg/mL in Isooctane	ALO-101785
Pesticide Surrogate Mix	200 µg/mL in Acetone	ALO-101257
Pesticide Surrogate Mix, 5 mL	200 ug/mL in Acetone	ALO-101452
Pesticides Matrix Spike Mix	50-100 µg/mL in Methanol	ALO-101682
Technical Chlordane	1000 µg/mL in Methanol	ALO-101260
Technical Chlordane Standard	1000 µg/mL in Hexane	ALO-101566
Toxaphene	2000 µg/mL in Methanol	ALO-101258
Toxaphene Standard	1000 µg/mL in Hexane	ALO-101665
Triazine Herbicides Mix	200 µg/mL in Acetone	ALO-101266
Tributylphosphate	1000 µg/mL in Acetone	ALO-101705
Triphenylphosphate Solution	5000 µg/mL in MTBE	ALO-101784
UCMR 5 525.3 Pesticides Mix	1000 µg/mL in Methanol	ALO-101812
UCMR 5 527 Pesticides Mix	1000 µg/mL in Methanol	ALO-101813
UCMR 5 531.2 Herbs Mix	1000 µg/mL in Methanol	ALO-101814
UCMR 5 538 Pesticide Mix	1000 µg/mL in Methanol	ALO-101815



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## Ordering Information

Available in USA and Canada

Product	Description	Part Number
1-Chlorooctadecane	1000 µg/mL in MeCl <sub>2</sub>	ALO-101636
Diesel Fuel # 2	50000 µg/mL in MeCl <sub>2</sub> ; 5mL	ALO-101560
Diesel Fuel #2 Composite	50000 µg/mL Methylene Chloride	ALO-101287
Diesel Fuel #2 Composite	5000 µg/mL Methylene Chloride	ALO-101286
Diesel Range Organics (DRO)	2000 µg/mL in MeCl <sub>2</sub>	ALO-101837
Florida TRPH Standard	2000 µg/mL in Carbon Disulfide	ALO-101623
Hydrogen Sulfide Standard	2000 µg/mL in Toluene	ALO-101544
LC Florida TRPH Standard	500 µg/mL in Hexane	ALO-101717
MA EPH Aliphatics Mix	2000 µg/mL in Hexane	ALO-101790
MA EPH Aromatics Mix	2000 µg/mL in MeCl <sub>2</sub>	ALO-101791
Methyl Disulfide Standard	2000 µg/mL in Toluene	ALO-101547
Methyl Mercaptan Standard	2000 µg/mL in Toluene	ALO-101546
Methyl Sulfide Standard	2000 µg/mL in Toluene	ALO-101545
Motor Oil Composite	50000 µg/mL in MeCl <sub>2</sub>	ALO-101559
Motor Oil Composite	50000 µg/mL in MeCl <sub>2</sub> ; 5mL	ALO-101715
Nonatricontane Standard	3000 µg/mL in CS <sub>2</sub>	ALO-101565
Nonatricontane Standard	3000 µg/mL in CS <sub>2</sub>	ALO-101624
n-Triacontane-d62	2000 µg/mL in MeCl <sub>2</sub>	ALO-101635
Pentacosane Solution	10000 µg/mL in MeCl <sub>2</sub>	ALO-101783
PVOC/GRO Mix	2000 µg/mL in P&T Methanol	ALO-101714
TX TPH Calibration Mix	10000 µg/mL in Pentane	ALO-101640
TX TPH Matrix Spike Mix	10000 µg/mL in P&T Methanol	ALO-101641
Unleaded Gasoline Composite	5000 µg/mL in P&T Methanol	ALO-101700
Unleaded Gasoline Composite	50000 µg/mL in P&T Methanol	ALO-101543
Unleaded Gasoline Composite	50000 µg/mL in P&T Methanol	ALO-101558
Unleaded Gasoline Weathered	(50%) 5000 µg/mL PT Methanol	ALO-101284
Unleaded Gasoline Weathered	(50%) 50000 µg/mL PT Methanol	ALO-101285
UST RCS Standard	50000 µg/mL in MeCl <sub>2</sub>	ALO-101667
VPH Matrix Cal Mix with Surr	2000 µg/mL in P&T MeOH	ALO-101616
VPH Matrix Spike Mix with Surr	500-1500 µg/mL in P&T MeOH	ALO-101615
WA EPH Aliphatic Hydrocarbons	1000 µg/mL in Hexane	ALO-101718
WA EPH Aromatic Hydrocarbons	1000 µg/mL in MeCl <sub>2</sub>	ALO-101719
WA VPH Standard	1000 µg/mL in P&T Methanol	ALO-101666
WI PVOC/GRO Mix	2000 µg/mL in P&T Methanol	ALO-101753





# A New Standard of Confidence

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